

### Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CLB1CB5181K1000TC1 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CLB1CB5181K1000TC1

# CLB1CB5181K1000TC1









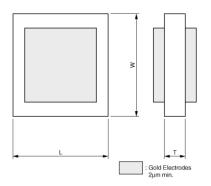
## **Applications**

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Consumer equipment,Industrial
	Equipment, Mobile Electronics
	Please refer to Our Website and
	specifications, etc. for information about
Specific	the performance, functions, quality,
Applications	management, and safety required for
	the above applications, and use
	Products after confirming the
	performance and reliability of the actual
	Product.
Recommended Applications	Consumer equipment,Router,Wi-Fi
	Router,Optical Backbone network,
	Optical Module, Mobile Electronics, Base
	Station,RF Power Amplifier,Industrial
	Equipment



## Appearance & Shape







### **Features**

- 1. Fine grained high-density ceramic dielectric, pure gold electrode and simple single layer structure provide very reliable performance and excellent frequency characteristics.
- 2. Awide selection of sizes from very miniature 0.25mm square is suited to high-density mounting.
- 3. For compatibility with the gold electrodes, die bonding with Au-Sn is possible and wire bonding with gold wire is possible.
- 4. To improve handling of bonding, Au-Sn coating is available on one side or both sides.
- 5. Custom made type (dimensions, cap. values, etc.) are also available upon request.

### **Applications**

- 1. Microwave Integrated Circuits
- 2. Microwave Devices
- 3. Optical Devices
- 4. Measuring Equipments

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- 2. This datasheet has only typical specifications because there is no space for detailed specifications.
- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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# **Specifications**

Shape	SMD
Operating Temperature Range	-55°C to 125°C
L x W (size)	L 1.27 X W 1.27mm
Thickness	0.185mm
Rated Voltage	100Vdc
Capacitance (25°C)	180pF
Capacitance Tolerance	±10%
Temperature Characteristics (-25 to 85°C)	±10%
Withstanding Voltage	250Vdc
Resistance	25°C: 100000MΩmin.

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